Industry Profiles

# Forestry and Logging with Support Activities

Development and Evaluation

Alberta Human Resources and Employment

**Overview:**

The Forestry and Logging with Support Activities industry[1] in Alberta includes establishments that:

- Produce seedlings in specialized nurseries
- Grow or harvest timber on a long production cycle (10 years or more)
- Provide related support services

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[1] Based on Statistics Canada Labour Force Historical Survey data and projections for the North American Industry Classification System (NAICS) groups 113 and 1153

## Section A: Business Environment

### 1. Employment and Unemployment Numbers and Rates:

All numbers are based on annual averages in 2005

- Employed Albertans = 1,784,400 people
- Albertans employed in Forestry and Logging with Support Activities = 4,400 people
- This industry employs about 0.2% of all employed Albertans
- Unemployed Albertans = 73,100 people
- Albertans unemployed in Forestry and Logging = N/A*
- Unemployment rate for Alberta = 3.9%
- Forestry and Logging unemployment rate = N/A*

*N/A is reported in instances of insufficient sample size

For more information on employment numbers or for a historical comparison, go to the Labour Force Survey or Statistics Canada websites.

### 2. Industry Growth:

- Alberta's Forestry and Logging with Support Activities industry is expected to grow on average 0.4% annually from 2005 to 2010.
- Employment is expected to increase to 4,600 by 2010.

Adapted from the Alberta Modified COPS Outlook (2005-2010).

**Industry Productivity**

- Contributed $17.66 Real Gross Domestic Product (GDP) per hour worked in 2004 or $42,836 Real GDP per worker.
- In comparison, Alberta's Real GDP was $39.60 per hour worked or $73,549 Real GDP per worker.

For more information see the Labour Productivity in Alberta report online.

**Outlook**

The Alberta Forest Products Association indicate several challenges faced by the Forestry and Logging industry. These include: operating in a global market place; construction starts throughout North America impacting demand for forest products and market prices; the Canada-United States (U.S.) softwood lumber dispute has yet to be resolved; and the rising Canadian dollar (forest products are globally traded and sold based on U.S. dollar). Alberta must also prevent the spread of the mountain pine beetle. This could have serious consequences on Alberta's forests and products. The Forest and Logging industry will also continue to have added cost pressures in Alberta competing with the energy industry for skilled trades people and truck drivers.

Alberta's Occupational Demand and Supply Outlook forecasts a supply shortage of Supervisors in Logging and Forestry between 2005 and 2015. However, for both the Logging Machinery Operators and Logging and Forestry Workers occupations, the outlook projects a supply surplus of workers for every year of the forecast period.

## 3 - Company Size

| Establishment Size | Alberta Businesses | | Forestry, Fishing, Mining, Oil and Gas | |
|---|---|---|---|---|
| Less than 20 employees | 505,700 | 35.0% | 26,500 | 24.3% |
| 20 to 99 employees | 501,600 | 34.7% | 33,900 | 31.1% |
| 100 to 500 employees | 278,200 | 19.2% | 24,800 | 22.8% |
| Over 500 employees | 161,200 | 11.1% | 23,800 | 21.8% |

Data Source: Labour Force Survey Historical Review 2005, Statistics Canada

* Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size

## Section B: Human Resources Profile

### 1. Occupational Information

Some examples of occupations that can be found in the Forestry and Logging with Support Activities industry include:

- Forest Technician
- Forester
- Logging Equipment Operators
- Conservation Officer
- Park Warden

For a complete listing of all occupations related to this industry as well as detailed information on educational and skill requirements, visit the Alberta Occupational Profiles website.

### 2. Demographics: Age and Gender

Gender in the Forestry, Logging with Support Activities industry:

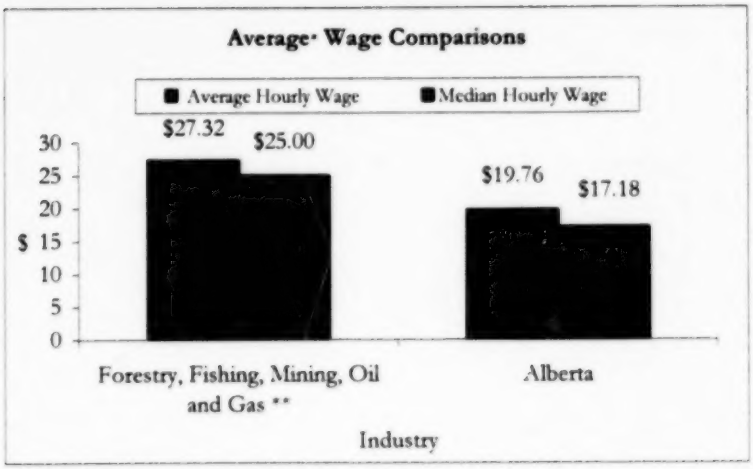
- Women employed: N/A*
- Men employed: 3,500 people (79.5%)

In comparison, women comprise 45% of the total employed in Alberta and men make up 55% of the employed.

| Age Characteristics | Alberta Employees | | Forestry and Logging with Support Activities Industry Employment | |
|---|---|---|---|---|
| | Number | % | Number | % |
| 15- 24 years | 311,800 | 17.5% | N/A* | N/A* |
| 25-54 years | 1,236,400 | 69.3% | 3,700 | 84.1% |
| 55 years and over | 236,200 | 13.2% | N/A* | N/A* |

Data Source: Labour Force Survey Historical Review 2005, Statistics Canada
*N/A is reported in instances of insufficient sample size

## 3. Wages




Data Source: Labour Force Historical Review 2005, Statistics Canada
*Average represents the arithmetic mean
**Forestry and logging is grouped with fishing, mining, oil and gas

**Wage and Salary Information for Selected Occupations**

| Occupation | Average Hourly Wage* | | | Overall Average Salary |
|---|---|---|---|---|
| | Starting | After 3 years | Top | |
| Truck Drivers | $ 21.75 | $ 21.90 | $ 25.93 | $ 74,420 |
| Supervisors, Logging and Forestry | $ 26.12 | $ 29.51 | N/A† | $ 63,927 |
| Logging and Forestry Labourers | $ 18.27 | N/A† | N/A† | $ 41,422 |

Data Source: 2005 Wage and Salary Survey
*Average represents the arithmetic mean
†N/A due to insufficient response

For more information on wages, job descriptions, duties, required skills and educational requirements for specific occupations in the Forestry and Logging with Support Activities industry refer to the Wage and Salary Survey online.

## Section C: Additional Information

### 1. Links to Selected Industry Associations:

- Alberta Forest Products Association
- College of Professional Foresters

### 2. Link to Government Library Database:

http://acscinfolink.gov.ab.ca/libraries/workplace/